

**TRANSLATION**

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>54 946 XX</b>	<b>FOR FURTHER ACTION</b>	See Form PCT/IPEA/416
International application No. <b>PCT/EP2004/013784</b>	International filing date ( <i>day/month/year</i> ) <b>03.12.2004</b>	Priority date ( <i>day/month/year</i> ) <b>12.12.2003</b>
International Patent Classification (IPC) or national classification and IPC <b>B04B1/08, B04B7/14, H02K41/03, B41F27/12</b>		
Applicant <b>MASCHINENFABRIK WIFAG</b>		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising: a. <input type="checkbox"/> ( <i>sent to the applicant and to the International Bureau</i> ) a total of _____ sheets, as follows: <input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). <input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. b. <input type="checkbox"/> ( <i>sent to the International Bureau only</i> ) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).
4. This report contains indications relating to the following items: <input checked="" type="checkbox"/> Box No. I Basis of the report <input type="checkbox"/> Box No. II Priority <input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability <input type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2004/013784

## Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-10 as originally filed/furnished
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the claims:
- nos. 1-16 as originally filed/furnished
- nos.\* \_\_\_\_\_ as amended (together with any statement) under Article 19
- nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the drawings:
- sheets 1/4-4/4 as originally filed/furnished
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2004/013784

Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1.	Statement		
	Novelty (N)	Claims <u>15</u>	YES
		Claims <u>1-14, 16</u>	NO
	Inventive step (IS)	Claims <u>15</u>	YES
		Claims <u>15</u>	NO
	Industrial applicability (IA)	Claims <u>1-16</u>	YES
		Claims <u></u>	NO
2.	Citations and explanations (Rule 70.7)		
	This report makes reference to the following documents:		
	D1: WO-A-99/55533		
	D2: EP-A-0738591		
	D3: EP-A-0 644 048		
	The application fails to meet the PCT requirements for the following reasons:		
	<p>Document D1 (figure 4 and page 5, paragraph 2) describes the cylinder of a printing machine having an integrated electromotor consisting of a fixed stator (39) and a rotary rotor (37). The stator (37) has multiple electromagnets arranged in the axial direction, with corresponding windings, and multiple permanent magnets arranged on the inside of the rotor, so that a corresponding torque is applied to the rotor by the current flowing through the stator winding.</p> <p>Consequently, the subject matter of claim 1 is not novel (PCT Article 33(2)).</p> <p>D1 further discloses the subject matter of claims 2-5</p>		

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
	<p>(figure 4 in connection with page 5, paragraph 2, the last two sentences), the subject matter of claim 6 (the axis has the form of a cylinder shell), claim 8 (bearing (42) and page 6, penultimate paragraph), claim 9 (page 5, last paragraph), claim 10 (page 7, paragraph 4), claim 11 (figure 4), claim 12 (page 5, lines 8-10), claim 13 (page 1, paragraph 1), claim 14 (page 6, last paragraph - page 7, paragraph 1), and claim 16 (figure 4 in connection with paragraphs 3 and 4).</p> <p>D2 (figure 2 and page 3, lines 48-58, as well as figure 4 and page 4, lines 43-53) discloses the configuration of the rotor as a cylindrical body with a blind hole.</p> <p>Consequently, the subject matter of claims 2-14 and 16 is not novel (PCT Article 33(2)).</p> <p>The use of the drive known from D1 or D2 for driving a group of cylinders of an offset printing machine is a common procedure for a person skilled in the art, since D1 does not specify the type of rotary printing machines, while D2 relates to an offset printing machine and it is usual to couple the plate cylinder and the rubber blanket cylinder mechanically and to drive them in pairs by means of an electromotor (see D3).</p> <p>Consequently, the subject matter of claim 15 does not involve an inventive step (PCT Article 33(3)).</p>